

[illegible]

- 1 5. A method of computing a convenience premium, comprising steps of:

6. A method of computing a price for a bandwidth securitization security instrument as a function of its intrinsic value relative to a minimum standard bandwidth utilization, comprising steps of:

- a) obtaining a minimum standard price;
- b) determining an estimated convenience premium of the bandwidth securitization security instrument with respect to said minimum standard price;
- c) determining a probability of failure to effect an exercise of the security;
- d) determining an exercise period of the security instrument corresponding to a time during which it may be executed or redeemed; and
- e) determining a price for the bandwidth securitization security instrument based on said steps a), b), c), and d).

2 a digital watermark key,

3 a digital information packet (DIP) header, and

6 description, content addressing and content pricing;

9 bandwidth right, where record of said right may exist separately from the record

11 wherein the bandwidth securitization instrument is a unique security

13 bandwidth for a specific duration, where such right exists for a specified period

1.4 of time, and where the duration begins at or after the temporal issuance of the

15 security, and the exercise period ends contemporaneously with the termination

16 of the duration period.

2 instrument provides a right to use a given bandwidth allocation for a net

3 duration over the exercise period where the net duration may be comprised of

4 smaller sub-durations which are not necessarily temporally contiguous.

1 9. A method for optimizing key search operations comprising steps of:

2 associating content descriptive information with a key used to watermark

3 content for candidate keys:

4 comparing the content descriptive information from each candidate key
5 in a key;

6 searching against a suspect copy of a title, and using said comparison
7 to eliminate keys which are evaluated as unlikely based on the matching
8 criteria of the content descriptive information;

9 wherein criteria includes at least one of:

10 media format;

11 content length;

12 content title;

13 content author; and

14 content signal metrics which provide heuristic characterizations of
15 the recorded signal.

1 10. A method for performing multi-party, multi-channel encoding of
2 watermarks comprising generating a master framework key, wherein the
3 master framework key describes packetization and channel allocation of a
4 complete signal.

1 11. The method according claim 10, further comprising a step of:
2 distributing the master key and a channel assignment to each party who
3 needs to watermark a channel described in the master key.

1 12. The method according to claim 11, further comprising a step of limiting
2 distribution of the master key only to parties who need to add watermarks to
3 the signal.

1 13. The method according to claim 12, further comprising a step performed
2 at least one stage thereafter of:

3 generating a general watermark key, for use with the master key which
4 dictates watermarking of packets assigned to a single channel of the master
5 key watermarking said packets with said key.

1 14. A method of including a key identifier for a distinct watermark channel in
2 the watermark contained in an additional separate and distinct watermark
3 channel in the same digital sample stream, which is encoded and decoded with
4 its own distinct key.

1 15. The method according to claim 14 further comprising a step of:
2 including the key identifier of a higher privacy watermark channel in the
3 watermark contained in a lower privacy watermark channel for a purpose of
4 expediting watermark search operations.

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